

EXHIBIT 27

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Subject: Review: New CLIs for IGMP snooping
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hi All,

I am planning to introduce the following two new options for the already existing 'show ip igmp snooping' CLI. Please let me know your comments.

OLD
 =====

```
Switch#show ip igmp snooping ?
show ip igmp snooping ?
  mrouter Show routers on Catalyst Vlans
  vlan    Snooping info in a Catalyst Vlan
  |       Output modifiers
<cr>
```

NEW
 ===

```
Switch#show ip igmp snooping ?
show ip igmp snooping ?
  mrouter Show multicast router port information
  vlan    Show IGMP snooping information
  group   Show IGMP snooping membership information <=====
  querier Show IGMP snooping querier information <=====
  |       Output modifiers
<cr>
```

The complete syntax of the CLI is as follows:

```
show ip igmp snooping querier [vlan <vlan_num>]
show ip igmp snooping group [vlan <vlan_num>]
```

Note: I modified the description for other options. I am wondering if that is ok. I am not sure if Catalyst Vlans is the right description. Please comment.

```
Switch>show ip igmp snooping querier
Vlan    IP Address    IGMP Version    Port
-----
2       10.1.1.1        v3              Fa2/1
3       13.1.1.1        v2              Fa2/2
```

```
Switch>show ip igmp snooping group vlan 1
Vlan    Group    Version  Filter mode  Port set
-----
1       229.2.3.4  v3      include     fa2/1,fa2/3
1       224.1.1.1  v2      exclude     fa6/2
Switch>
```

For future extension purposes, I am thinking the group command can be extended to display some detailed information for a specific group such as #include hosts, #exclude hosts, last reporter,

uptime, etc.

Switch>show ip igmp snooping group <group_address>

thanks

-Naga